


		NTSB ID: DCA04MA068		Aircraft Registration Number: N586P	
		Occurrence Date: 08/13/2004		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Florence	State KY	Zip Code	Local Time 0049	Time Zone CDT	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 2		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Convair Div. of Gen. Dynamics		Model/Series CV-340 (580)		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On August 13, 2004, about 0049 eastern daylight time, Air Tahoma, Inc., flight 185, a Convair 580, N586P, crashed about 1 mile south of Cincinnati/Northern Kentucky International Airport (CVG), Covington, Kentucky, while on approach to runway 36R. The first officer was killed, and the captain received minor injuries. The airplane was destroyed by impact forces. The flight was operating under the provisions of 14 Code of Federal Regulations Part 121 as a cargo flight for DHL Express from Memphis International Airport, Memphis, Tennessee, to CVG. Visual meteorological conditions prevailed for the flight, which operated on an instrument flight rules flight plan.</p> <p>The public docket for this investigation may be obtained through the NTSB Records Management Division. The public docket contains factual information and reports such as Operations, Air Traffic Control, Airworthiness, Powerplants, Maintenance Records, Flight Data Recorder and Cockpit Voice Recorder.</p>					
FACTUAL REPORT - AVIATION					

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<b>Landing Facility/Approach Information</b>						
Airport Name CINCINNATI/NORTHERN KENTUCKY I		Airport ID: CVG	Airport Elevation 896 Ft. MSL	Runway Used 36R	Runway Length 10000	Runway Width 150
Runway Surface Type: Concrete						
Runway Surface Condition: Dry						
Type Instrument Approach: Visual						
VFR Approach/Landing: None						
<b>Aircraft Information</b>						
Aircraft Manufacturer Convair Div. of Gen. Dynamics		Model/Series CV-340 (580)		Serial Number 68		
Airworthiness Certificate(s): Transport						
Landing Gear Type: Retractable - Tricycle						
Homebuilt Aircraft? No		Number of Seats: 2		Certified Max Gross Wt. 54600 LBS	Number of Engines: 2	
Engine Type: Turbo Prop		Engine Manufacturer: Rolls-Royce		Model/Series: 501-D13	Rated Power: 3750 HP	
<b>- Aircraft Inspection Information</b>						
Type of Last Inspection Continuous Airworthiness		Date of Last Inspection 07/2004	Time Since Last Inspection Hours		Airframe Total Time 67948.9 Hours	
<b>- Emergency Locator Transmitter (ELT) Information</b>						
ELT Installed? No		ELT Operated? No		ELT Aided in Locating Accident Site? No		
<b>Owner/Operator Information</b>						
Registered Aircraft Owner  N580, Inc		Street Address				
		City Spanaway		State WA	Zip Code	
Operator of Aircraft  AIR TAHOMA INC		Street Address				
		City Columbus		State OH	Zip Code	
Operator Does Business As:				Operator Designator Code: I5HA		
<b>- Type of U.S. Certificate(s) Held:</b>						
Air Carrier Operating Certificate(s): Flag Carrier/Domestic; Supplemental						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 121: Air Carrier						
Type of Flight Operation Conducted: Non-scheduled; Domestic; Cargo						
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<b>First Pilot Information</b>																																																																																				
Name		City		State	Date of Birth																																																																															
On File					On File																																																																															
Age	49																																																																																			
Sex: M	Seat Occupied: Left	Principal Profession: Occupational Pilot		Certificate Number:																																																																																
Certificate(s): Airline Transport; Flight Engineer; Foreign; Private																																																																																				
Airplane Rating(s): Multi-engine Land; Single-engine Land																																																																																				
Rotorcraft/Glider/LTA: None																																																																																				
Instrument Rating(s): Airplane																																																																																				
Instructor Rating(s): None																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft?				Current Biennial Flight Review? 07/2004																																																																																
Medical Cert.: Class 1		Medical Cert. Status: With Waivers/Limitations		Date of Last Medical Exam: 04/2004																																																																																
<table border="1"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr> <td>Total Time</td> <td>2500</td> <td>1337</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td></td> <td>88</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>32</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>28</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	2500	1337									Pilot In Command(PIC)		88									Instructor											Last 90 Days	32										Last 30 Days	28										Last 24 Hours	2									
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? Yes																																																																																
				Second Pilot? Yes																																																																																
<b>Flight Plan/Itinerary</b>																																																																																				
Type of Flight Plan Filed: IFR																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
Memphis		TN	MEM																																																																																	
Destination		State	Airport Identifier																																																																																	
Same as Accident/Incident Location			CVG																																																																																	
Type of Clearance: IFR																																																																																				
Type of Airspace:																																																																																				
<b>Weather Information</b>																																																																																				
Source of Briefing: Commercial Weather Service																																																																																				
Method of Briefing:																																																																																				


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		Occurrence Type: Accident			

<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
	0050		Ft. MSL	NM	Deg. Mag.
Sky/Lowest Cloud Condition:				Ft. AGL	Condition of Light:
Lowest Ceiling: Overcast			7500 Ft. AGL	Visibility: 10 SM	Altimeter: 30.02 "Hg
Temperature: 13 °C	Dew Point: 11 °C	Wind Direction:		Density Altitude: Ft.	
Wind Speed:	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): Ft.	Visibility (RVV) SM	Intensity of Precipitation:			
Restrictions to Visibility: No Obscuration; No Precipitation					
Type of Precipitation:					

<b>Accident Information</b>					
Aircraft Damage: Destroyed		Aircraft Fire: None		Aircraft Explosion: None	
Classification:					

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot		1			1
Second Pilot	1				1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -	1	1			2
Other Ground	0	0	0		0
- GRAND TOTAL -	1	1	0		2

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<b>Administrative Information</b>		
<p>Investigator-In-Charge (IIC)</p> <p>Joseph M. Sedor</p>		
<p>Additional Persons Participating in This Accident/Incident Investigation:</p> <p>Tony James AAI-100, Washington, DC</p> <p>Brian Mathis Air Tahoma</p> <p>Matt Palmberg Kelowna Flightcraft LTD.</p> <p>Rick Thorpe Rolls-Royce Corporation</p> <p>David McNair Transportation Safety Board of Canada</p>		
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